



Features

- 12.1" 1024x768 (500 Nit) LCD
- Intel Apollo Lake Pentium N4200 Quad Core CPU
- Fanless Dust Resistant Design
- IP65 Full Flat Front Panel with Resistive Touchscreen
- Rich I/O Support
- Optional Backup Battery

Technical Specifications

Primary Components

Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2
Storage Support	32GB-1TB

Display

Screen Size	12.1"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	500 nits

Touch Screen

Touch Screen	Resistive
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External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232/422/485 (Configurable in BIOS), 1x RS232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x Optional VGA
Audio Ports	1x Optional Line in by RCA Jack
Power Input Port	Locking Type

Power

Standard Power Adapter 100~240VAC, Output 9V @ 4.73A

Battery

Battery Type Optional Internal Battery
Battery Operating Time 1.5hrs

Operating Systems

Windows Windows 10 IoT, Windows 10 Pro

Expansion Slots

Video Card Support Intel HD Graphics 505

Multimedia

Speakers 2x 2W Speakers

Thermal & Environmental

Operating Temperature 0°C - 40°C (32°F – 104°F)
Cooling Solution Passive – Fanless
Humidity Range 20% – 90% Non-condensing

Enclosure

Material Steel
IP Rating IP65 Front Bezel
Color Black
Mounting Options VESA 100 Mount, VESA 75 Mount

Weight / Dimensions

Weight 2.3 kg (5.1 lbs)
Dimensions 313 x 251 x 36.6 mm (12.3 x 9.9 x 1.4 in)

Certification

Certifications CE, FCC, IEC 60950-1, VCCI Class B

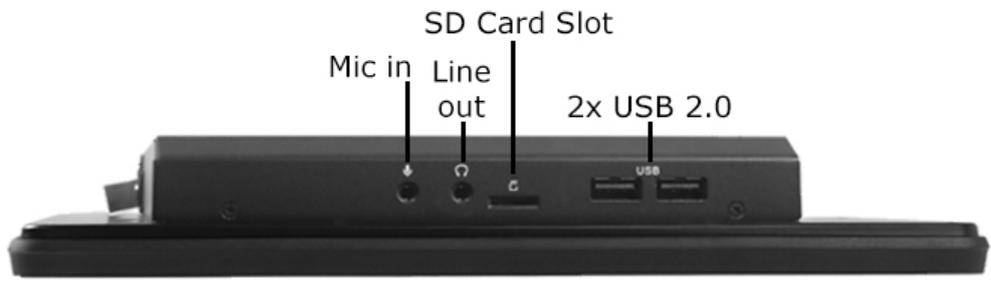
Warranty

Warranty Up to 5 Years

I/O Diagram Images

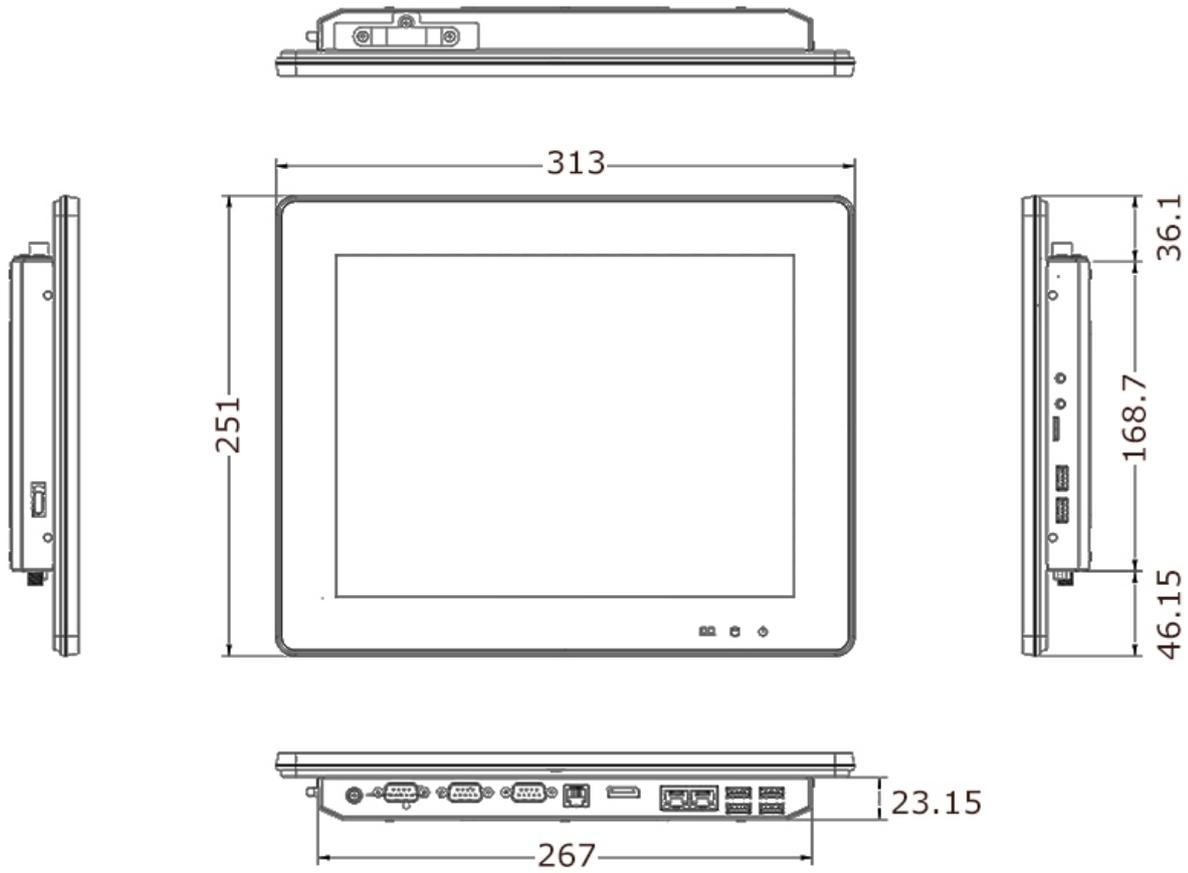


Bottom



Side

Tech Diagram Images



All specifications are subject to change without notice.